

RENNER, OTTO, BOISSELLE & SKLAR

Attorney Docket No. DY0UP0288US

PATENT (OUS)

**COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: FABRICATION OF WAVEGUIDES AND BRAGG GRATINGS WITH UV-IRRADIATION

the specification of which

[] is attached hereto, or

[X] was filed as United States Application or
PCT International Application (give
*Express Mail label number and deposit
date if Application number not yet known*):

Application No.: PCT/GB2003/002141
(*Express Mail Label No.*)

Filing Date: May 19, 2003
(*Deposit Date*)

Amended on (*if applicable*):

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56(a).

PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

- [] no such applications have been filed.
[X] such applications have been filed as follows.

**EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

| COUNTRY | APPLICATION NUMBER | DATE OF FILING (day, month, year) | PRIORITY CLAIMED | |
|---------|--------------------|-----------------------------------|------------------|----|
| | | | Yes | No |
| GB | 0227803.4 | 28 November 2002 | X | |
| | | | | |
| | | | | |

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

POWER OF ATTORNEY

As a named inventor, I hereby appoint the attorneys of Renner, Otto, Boisselle & Sklar, LLP associated with Customer Number 23908 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: D. Young & Co., Briton House, Briton Street, Southampton SO14 3EB,
UNITED KINGDOM

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

Send Correspondence To

Direct Telephone Calls To:

(name and telephone number)

Don W. Bulson, Esq.
Renner, Otto, Boisselle & Sklar, LLP
1621 Euclid Ave., 19th Floor
Cleveland, Ohio 44115

Don W. Bulson

(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | |
|--------------------------------------|--|--------------------------|--|
| Full Name of Sole or First Inventor: | | Peter George Robin Smith | |
| Inventor's signature: | | | |
| Date: | | | |
| Residence: (City & State/Country): | Hampshire, United Kingdom | | |
| Citizenship: | GB | | |
| Post Office Address: | c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM | | |

| | | | |
|--|--|-----------------------|--|
| Full Name of Additional Joint Inventor (if any): | | Richard Bird Williams | |
| Inventor's signature: | | | |
| Date: | | | |
| Residence: (City & State/Country): | Hampshire, United Kingdom | | |
| Citizenship: | GB | | |
| Post Office Address: | c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM | | |

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS DECLARATION

- [X] Signature for additional joint inventors.
[] Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.
[] This declaration ends with this page.

RENNER, OTTO, BOISSELLE & SKLAR

Attorney Docket No. DY0UP0288US

PATENT (OUS)

**COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: **FABRICATION OF WAVEGUIDES AND BRAGG GRATINGS WITH UV-IRRADIATION**

the specification of which

[] is attached hereto, or

[X] was filed as United States Application or
PCT International Application (give
*Express Mail label number and deposit
date if Application number not yet known*):

Application No.: **PCT/GB2003/002141**

(Express Mail Label No.)

Filing Date: **May 19, 2003**

(Deposit Date)

Amended on *(if applicable)*:

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56(a).

PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

[] no such applications have been filed.
[X] such applications have been filed as follows.

**EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

| COUNTRY | APPLICATION NUMBER | DATE OF FILING (day, month, year) | PRIORITY CLAIMED | |
|---------|--------------------|-----------------------------------|------------------|----|
| | | | Yes | No |
| GB | 0227803.4 | 28 November 2002 | X | |
| | | | | |
| | | | | |

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

POWER OF ATTORNEY

As a named inventor, I hereby appoint the attorneys of Renner, Otto, Boisselle & Sklar, LLP associated with **Customer Number 23908** to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: D. Young & Co., Briton House, Briton Street, Southampton SO14 3EB,
UNITED KINGDOM

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

Send Correspondence To

Direct Telephone Calls To:

(name and telephone number)

Don W. Bulson, Esq.
Renner, Otto, Boisselle & Sklar, LLP
1621 Euclid Ave., 19th Floor
Cleveland, Ohio 44115

Don W. Bulson
(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | |
|---|--|--------------------------|-----------------|
| Full Name of Sole or First Inventor: | | Peter George Robin Smith | |
| Inventor's signature: | | | Date: |
| Residence: (City & State/Country): | Hampshire, United Kingdom | | Citizenship: GB |
| Post Office Address: | c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM | | |

| | | | |
|---|--|-----------------------|-----------------|
| Full Name of Additional Joint Inventor (if any): | | Richard Bird Williams | |
| Inventor's signature: | | | Date: |
| Residence: (City & State/Country): | Hampshire, United Kingdom | | Citizenship: GB |
| Post Office Address: | c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM | | |

**CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS DECLARATION**

- [X] Signature for additional joint inventors.
[] Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.
[] This declaration ends with this page.

KENNER, OTTO, BOISSELLE & SKLAR

Attorney Docket No. DYOUNP0288US

PATENT (OUS)

**COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: FABRICATION OF WAVEGUIDES AND BRAGG GRATINGS WITH UV-IRRADIATION

the specification of which

[] is attached hereto, or

[X] was filed as United States Application or
PCT International Application (give
*Express Mail label number and deposit
date if Application number not yet known*):

Application No.: PCT/GB2003/002141
(*Express Mail Label No.*)

Filing Date: May 19, 2003
(*Deposit Date*)

Amended on (*if applicable*):

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56(a).

PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

- [] no such applications have been filed.
[X] such applications have been filed as follows.

**EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

| COUNTRY | APPLICATION NUMBER | DATE OF FILING (day, month, year) | PRIORITY CLAIMED | |
|---------|--------------------|-----------------------------------|------------------|----|
| | | | Yes | No |
| GB | 0227803.4 | 28 November 2002 | X | |
| | | | | |
| | | | | |

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

**ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY
FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS**

| | | | |
|---|--|-------------------|-----------------|
| Full Name of Additional Joint Inventor (if any): | | Vassilios Albanis | |
| Inventor's signature: | | | Date: |
| Residence: (City & State/Country): | Hampshire, United Kingdom | | Citizenship: GB |
| Post Office Address: | c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM | | |

| | | | |
|---|--|---------------------------|-----------------|
| Full Name of Additional Joint Inventor (if any): | | Corin Barry Edmund Gawith | |
| Inventor's signature: | | | Date: |
| Residence: (City & State/Country): | Hampshire, United Kingdom | | Citizenship: GB |
| Post Office Address: | c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM | | |

| | | | |
|---|--|-------------------|-----------------|
| Full Name of Additional Joint Inventor (if any): | | Samuel Paul Watts | |
| Inventor's signature: | | | Date: |
| Residence: (City & State/Country): | Hampshire, United Kingdom | | Citizenship: GB |
| Post Office Address: | c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM | | |

| | | | |
|---|--|-------------------------|-----------------|
| Full Name of Additional Joint Inventor (if any): | | Gregory Daniel Emmerson | |
| Inventor's signature: | | | Date: |
| Residence: (City & State/Country): | Hampshire, United Kingdom | | Citizenship: GB |
| Post Office Address: | c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM | | |